ABSTRACT

A new industrial control system and method are disclosed allowing for communication between multiple control devices of the system and remote devices via the Internet. The system includes a web access interface that is capable of being coupled to the remote devices via the Internet, and is coupled to the control devices by way of a network. A program executed by the interface receives an Internet signal having socket API data and formatted in accordance with the TCP/IP protocol, and extracts the data from the Internet signal. Another program executed by the interface receives the data and transmits a network signal, which includes the data but is not formatted in accordance with the TCP/IP protocol, to an appropriate one of the control devices, each of which has a respective web server program. The data is processed by the server program at the appropriate control device.